

Form PTO-892 U.S. Department of Commerce	Serial Number 09/032,972	Group Art Unit 1623	Attachment to Paper Number 4
Notice of References Cited	APPLICANT(S) Krotz et al.		

U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
	A	5 7 0 5 6 2 1	01/06/98	Ravikumar (I)	536	023.100	
	B	5 6 1 4 6 2 1	03/25/97	Ravikumar et al. (II)	536	025.340	
	C	5 5 5 4 7 4 6	09/10/96	Ravikumar et al. (III)	540	200.000	
	D	5 5 1 0 4 7 6	04/23/96	Ravikumar et al. (IV)	536	025.310	
	E	5 2 1 6 1 4 1	06/01/93	Benner	536	027.130	
	F	5 7 1 4 5 9 7	02/03/98	Ravikumar et al. (V)	536	025.310	
	G	4 9 7 3 6 7 9	11/27/90	Caruthers et al.	536	025.340	
	H	5 5 4 8 0 7 6	08/20/96	Froehler et al.	536	025.340	

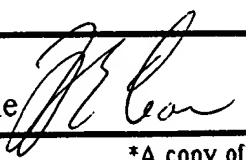
Foreign Patent Documents

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS		

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

R	Ravikumar et al. (V), "Efficient Synthesis of Deoxyribonucleotide Phosphorothioates by the Use of DMT Cation Scavenger," <u>Tetrahedron Letters</u> , 36(37), 6587-6590 (September 11, 1995).
S	Krotz et al.(I), "Synthesis and Deprotection of β -Silylethyl Protected O, O, O- and O, O, S-Trialkylphosphorothioates," <u>Tetrahedron Letters</u> , 37(12), 1999-2002 (March 18, 1996).

* Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

EXAMINER L. Eric Crane 	DATE 01/02/99	page 1 of 2 ☐ Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

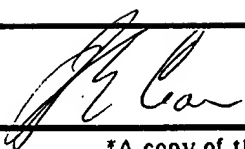

Copy for ☒ FILE ☐ APPLICANT

Form PTO-892 U.S. Department of Commerce	Serial Number	Group Art Unit	Attachment to Paper Number	4
	09/032,972	1623		
Notice of References Cited	APPLICANT(S)			
	Krotz et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

T	Krotz et al. (II), "Phosphorothioate Oligonucleotides: Largely Reduced (N-1)-Mer and Phosphodiester Content Through the Use of Dimeric Phosphoramidite Synthons," <u>Bioorganic & Medicinal Chemistry Letters</u> , 7(1), 73-78 (January 7, 1997).
U	Krotz et al. (III), "Phosphorothioates: β -Fragmentation Versus β -Silicon Effect," <u>Angewandte Chemie Intl Ed.</u> , 34(21), 2406-2409 (November 17, 1995).

* Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

EXAMINER	DATE	page 2 of 2
L. Eric Crane 	01/02/99	 Reference not presently available.
<p>*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)</p>		

Copy for ☒ FILE ☐ APPLICANT